

From owner-qrp-l@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Goemans <jgoemans@facstaff.wisc.edu>  
Subject: [20204] "RF Design" magazine  
Message-ID: <199705240352.WAA88062@audumla.students.wisc.edu>

Hello QRP-L gang,

I was reading the May issue of RF Design magazine and suddenly realized that some on this list might also enjoy reading it. If you are in any area of RF design or engineering,(or close) you can score a free subscription!

The May issue includes a feature on a linear (avert your gaze) RF power amp using V-MOS FETS, for 150 Mhz. The author mentions ham radio, and he may be a Canadian ham. There is also an article on a "discpole" antenna for VHF/UHF by none other than Rick Littlefield K1BQT who all us QRP types owe a great deal of thanks to ! Up until last year the Editor was none other than Gary Breed K9AY! I saw him inside at Dayton last weekend hawking his new RF mag, forget the title. There is also a tutorial on designing phase-lock loops. Hmmmmm.

As I said, if you are involved in RF, in any way, you can qualify for a free sub. Contact RF design (an Intertek publication) at PO Box 5286, Pittsfield, Ma. 01203.

72, Paul

PS did my 40 mtr dipole make it into the Days Inn antenna farm pix?

:

Paul R Goemans WA9PWP  
1508 Sundt Lane  
Stoughton, Wi. 53589-1069 608-877-4151  
QRP ARCI 7291 NorCal 1226 QRP-L 127 FISTS 2153

From owner-qrp-l@Lehigh.EDU Sat May 24 18:03:35 1997  
From: abcbomber <cnw@HiWAAAY.net>  
Subject: [20225] 10 turn pot?  
Message-ID: <Pine.OSF.3.94.970524122906.15528B-100000@fly.HiWAAAY.net>

Hey Gang,

Sorry for the bandwidth, but who was asking me about the 10 turn pot from Dave, NN1G? Sorry, I misplaced your message.

Best 72/73 DE  
Matt, AE4JM

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: ji3m@maxwell.com (James R. Duffey)  
Subject: [20228] Antenna Electrical Length Includes Coil  
Message-ID: <v02130505afacca2ca4a4@[192.31.66.229]>

Cecil - I was going to let this thread die or at least take it private, but by accusing me of ignoring the laws of physics in this public forum you have slandered me in the worst way possible:-), as I have been trained as a Physicist and earn my living as one. :-) :-) :-)

"Nope, you cannot change the laws of physics by adding the coil dimension into the radiating element dimension."

What law or laws of physics prohibits this? My contention that the coil length should be included as a part of the antenna radiating element dimension is supported by the "laws of physics", at least as I understand them. I contend that there will be a vertical component of current in the coil. That is, current will travel from the bottom of the coil to the top. It will do it through the coils, but there must be a net vertical component of the current for the current to traverse the coil. This vertical component must travel through a vertical conductor equal to the length of the coil. If this were not true, that is there is no vertical component of current in the coil, only horizontal, there would be no current leaving the top of the coil. There is current in the upper portion of the wire, and it must have gotten there somehow. I contend it got there through the coil, which required it to traverse the vertical length of the coil. It accelerated electrons in a vertical direction (in addition to the horizontal direction) during its travel up the coil, and these accelerated electrons radiated in the vertical direction and contributed to the radiation field of the antenna.

Consider a single turn of the coil. The turn does not start and end at the same point. It ends at some vertical height above where it starts. For a close wound coil this vertical component is equal to the diameter of the wire, for a spaced coil it is equal to the spacing plus the diameter of the wire. For the original SLV it is equal to the width of the twinlead. The turn can be represented with a single horizontal turn beginning and ending at the same vertical height plus a small vertical lead. If I connect the vertical lead to the next horizontal turn I can represent the entire coil as a series of horizontal loops connected together with small vertical wires. The horizontal loops will have little radiation at the dimensions and wavelengths we are talking about, the vertical wires will radiate essentially as a single vertical wire equal to their entire length.

For those that prefer proof by exception, I offer the following for your consideration; The most common amateur radio antenna, the "rubber duckie". It is usually little more than a coil. These do radiate, although with poor efficiency, but by your statement that the coil height cannot be included in the antenna length, they should have zero electrical length. Something with zero electrical length cannot radiate. There are probably thousands of Hams using this antenna as I write who will be surprised to know that the antenna they are using does not radiate. It has been some time since I have looked at Kraus, but I vaguely remember that he explains the radiation from a radial mode helix (engineering language for "rubber duckie") in a manner similar to what I did in the above paragraph.

This radiation from the current component in direction of the length of the coil is also one of the reasons that coils with diameter to length ratios near 1 have the highest Qs (lowest losses). Coils with lengths longer than the diameter will radiate more for the same current in the coil. This radiation will appear as losses and lower the Q of the coil. For use in tuned circuits this lowering of Q is significant and undesirable; for antennas it should not be included in the losses as it contributes to the radiation field of the antenna.

In this post I have presented arguments consistent with the "laws of physics" which I use to support my understanding that the vertical coil length should be included as a part of the antenna which radiates, and hence in the electrical height. I would be interested in seeing you present similar specific technical arguments which support your contention that it should not.

Keep up the posts Cecil. They keep me on my toes when they are not infuriating me.:-) - Duffey KK6MC/5

James R. Duffey  
Principal Scientist  
Maxwell Technologies Incorporated/Albuquerque Division  
Suite 300  
2501 Yale Blvd SE  
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(505) 764-3143  
(505) 843-7995 (FAX)

From owner-qrp-l@Lehigh.EDU Sat May 24 18:03:35 1997  
From: talljazz@teleport.com (Dan Presley)  
Subject: [20200] ARRL DXCC  
Message-ID: <v0153050dafab8da60871@[206.163.125.113]>

I have never met the folks involved in this issue, never been to Dayton, etc., but it seems that on both sides of the argument there isn't a lot of real listening-more stubbornness-"We want this now-You can't have it", and so on.I am a member and supporter of ARRL, and feel strongly that if you wish to change a policy, then you need to join up and get involved-otherwise, don't complain.Given that, I also would be a strong advocate of a DXCC endorsement by one of our QRP organizations-ARCI, Norcal, etc.This would have much greater meaning to me.  
I noticed that no one commented on the article in QST about the linear that is driven by a Norcal 40a-c'mon all you conspiracy nuts, this should give you lots of ammunition!Who wins, 'us' or 'them'(qrp vs qro). What happens if the amp quits, will they try to use the 'driver' and discover what we've known all along? Maybe we should have had them 'sabotage' the schematic so the linear wouldn't work.  
Dan N7CQR

From owner-qrp-l@Lehigh.EDU Sat May 24 18:03:35 1997  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
Subject: [20216] Back in Action, Order Backlog  
Message-ID: <199705241524.JAA20223@lynx.csn.net>

Got back from my trip to Dayton and points East late last night, and will probably have more to say about that later. Maybe not-- I have 500+ QRP-L messages waiting here to read (!) so it could be that every Dayton related topic has already been thrashed [g].

I have a somewhat larger backlog of orders than I was expecting, but hope to get everything out the door on Tuesday-- and yes, Chuck, that includes your kit [g]. Thanks for your patience, guys....

73  
Marshall Emm  
AA0XI/VK5FN  
aa0xi@mtechnologies.com  
<http://www.mtechnologies.com/mthome>

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Stephen John Farthing <stephen@stevef.demon.co.uk>  
Subject: [20209] Book Review - Radio Projects for the Amateur by VK3XU  
Message-ID: <2zNOAEAUkphzEwpb@stevef.demon.co.uk>

I bought this book for UKP 5 (\$8) at the Sherborne (AKA Yeovil) Rally from the G-QRP Club Stall. I thought I'd post some details here for interests sake as I think that it is the best introduction to homebrewing semiconductor projects for ham radio I have seen.

I have no connection with the author Drew C Diamond VK3XU who published the book and wrote it. His snail mail address is 45 Gatters Rd, Wonga Park, 3115, Victoria, Australia. He may well sell copies, mine came from the G-QRP club.

Radio Projects for the Amateur.

"Workable plans for the construction of receivers, QRP Transmitters, tranceivers, test equipment and some handy construction hints for the practical Amateur Radio Enthusiast"

130 page A4 paperback - same size as the G-QRP Antenna Handbook.

It contains 30 or so articles each covering a project or topic. Each article is well written covering both the theory and construction details. A hand drawn circuit diagram together with pictures of the project taken by someone who knows how to use a camera. Parts lists, PCB details where appropriate. Details of substitutes and work arounds for hard to get components.

Contents :-

DC91 Direct Conversion RX for 80M

Computaroc RX Convertor

Simple LF RX Convertor

RX Convertor for 2M

An empirical approach for building an HF RX

Some VFO Notes

Simple tuning dial from junk box parts

Mosfet 4 CW VFO TX for 80M

Multiplier CW TX for 80/40/20M

Simplex Sidebender for 3.580

TCF TCVR for 80M

TCF TCVR for 40M

25W Mosfet Linear

12V 1A reg PSU

HCF REGULATED Variable Voltage PSU

Simple DIP Meter

Power Meter/Dummy Load

Handybridge impedance bridge for HF

Little L inductance Bridge for RF Coils

Paddyboard Circuit construction

Making simple circuit boards

You can solder aluminium

Variable Capacitors made from trimmers

On winding Transmission Line Transformers

Making Air Wound Coils for HF

Notes on Soldering

Modified twist drills for sheet metal

Radio/Electronic components sources.

I think that the book is ideal for someone starting out in home construction. Whilst it does not cover very simple matters ( colour codes on resistors e.g.) the projects are fairly simple but very well described with lots of practical details. There is certainly enough detail in the book to get one on the air with homebrew kit without spending a fortune. I recommend it.

--

Stephen John Farthing MBCS G0XAR  
Melksham, Wiltshire UK  
RSGB G-QRP 7766

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Robert Marlan <rsm@halcyon.com>  
Subject: [20217] dayton!!  
Message-ID: <3.0.32.19970524091507.015826b8@mail.halcyon.com>

Listmembers,

Those who recently attended Dayton and stayed at the Days Inn South may wish to check their bill. During check-out there was noted to be an extra charge of \$1.00 + \$.06 tax each day of my stay. Its was listed as "insurance".

When I questioned the charge - I was told it was for something like \$5000 of theft insurance for room. She offered to promptly remove the charges. I asked why the charges were there at all - no answer. I was never given a copy of a policy for this so called insurance.

She showed me the sign in which said the room rate did not include taxes or insurance which I had signed - but still it did not say I requested the insurance or the rate of such "coverage"

Clearly to me this is a ripoff for anyone who does not happed to carefully check the bill.  
You may wish to check your own bill and contact the motel manager concerning it. Its not the money, but the fact we are all being ripped off. I plan to contact the Ohio State Dept. of Consumer Protection concerning this issue. If you would like to be included in this, please email your name, address, telephone, and amount of overbill.

On another note, this is the 3rd time I have stayed in Days Inn South. The place is a dump, the rooms old, and not enough hot water. The bathrooms and romms are marginal at best. I suggest moving elsewhere in the years to come.

Please contact me if you have any questions about the above.  
Robert Marlan  
KA6NOC/7  
ism@halcyon.com

From owner-qrp-l@Lehigh.EDU Sat May 24 18:03:35 1997  
From: n4so@juno.com (charles k brown)  
Subject: [20220] DXCC QRP Awards  
Message-ID: <19970524.102304.4431.7.n4so@juno.com>

Avery makes business cards for Ink Jet printers. The kind I have is nr.  
8371. Using the instructions provided, you can make up your own QRP  
sticker and affix to your DXCC or WAS Award. Each sheet can make 10  
cards and there are 10 sheets in the package.  
Suggest you make up your "sticker" and not waste your time with the ARRL.

Ken Brown, N4SO  
QTH nr Mobile, AL  
qrp-l #622  
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Jerry Brown <jmbrown@edge.net>  
Subject: [20232] father Sam F.B. Morse  
Message-ID: <3387432E.2957@edge.net>

Please excuse my typo in the spelling of fathers in today's posting.

Jerry, N4EO

From owner-qrp-l@Lehigh.EDU Sat May 24 18:03:35 1997  
From: "Robert J. Gobrick" <rgobrick@worldnet.att.net>  
Subject: [20203] FDIM 97 - Thanks for the Memories - CORRECTION  
Message-ID: <3.0.32.19970523223658.00c2920c@postoffice.worldnet.att.net>

QRP-L Gang,

Well I don't know where they found that PR guy from "Four Days In May" but  
he can't even correctly proof-read his releases.



Line One should have read - "On behalf of the 1997 "Four Days In May" committee (PRESTON Douglas WJ2V, Bob Follett AB7ST, Bob Gobrick N0EB and Bruce Muscolino W6TOY/3) and our sponsor, the QRP Amateur Radio Club International..."

My apologize to Preston Douglas WJ2V for my goof in relating him to Bruce Muscolino W6TOY/3 (or maybe I should apologize to Bruce...) Anyway I got the two Bob's right - you can even spell their names backwards ;^)

73/72 Bob N0EB

>Date: Thu, 22 May 1997 16:51:41 -0500  
>To: qrp-l  
>From: "Robert J. Gobrick" <rgobrick@worldnet.att.net>  
>Subject: FDIM 97 - Thanks for the Memories  
>Cc: FDIM  
>  
>FDIM 1997 Final Report  
>  
>On behalf of the 1997 "Four Days In May" committee (Bruce Douglas WJ2V, Bob Follett AB7ST, Bob Gobrick N0EB and Bruce Muscolino W6TOY/3) and our sponsor, the QRP Amateur Radio Club International, we would like to thank all that attended and supported the 2nd annual Dayton FDIM QRP Symposium on Thursday May 15, 1997. This year we had a record breaking 130 attendees pack the Days Inn South Dayton Ballroom - a great showing.....  
>

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| PLEASE NOTE NEW EMAIL ADDRESSES - PLEASE REPLY TO BOTH ADDRESSES |
| |
| Bob Gobrick - N0EB & VO1DRB (ex WA6ERB, VE2DRB) Stillwater, MN |
|   Internet:   rgob@tco.infonet.com |
| AND Internet: rgobrick@worldnet.att.com |
| |
|-----
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From owner-qrp-l@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Robert Marlan <rsm@halcyon.com>  
Subject: [20223] Fraud at Days Inn South at Dayton !!!  
Message-ID: <3.0.32.19970524094455.00f43cb0@mail.halcyon.com>

Listmembers,

Those who recently attended Dayton and stayed at the Days Inn South may wish to check their bill. During check-out there was noted to be an

extra charge of \$1.00 + \$.06 tax each day of my stay. Its was listed as "insurance".

When I questioned the charge - I was told it was for something like \$5000 of theft insurance for room. She offered to promptly remove the charges. I asked why the charges were there at all - no answer. I was never given a copy of a policy for this so called insurance.

She showed me the sign in which said the room rate did not include taxes or insurance which I had signed - but still it did not say I requested the insurance or the rate of such "coverage"

Clearly to me this is a ripoff for anyone who does not happed to carefully check the bill. You may wish to check your own bill and contact the motel manager concerning it. Its not the money, but the fact we are all being ripped off. I plan to contact the Ohio State Dept. of Consumer Protection concerning this issue. If you would like to be included in this, please email your name, address, telephone, and amount of overbill.

On another note, this is the 3rd time I have stayed in Days Inn South. The place is a dump, the rooms old, and not enough hot water. The bathrooms and rooms are marginal at best. I suggest moving elsewhere in the years to come.

On a more positive note, the QRP suite was buzzing. It was great!! We probably could use more room next year!!

Please contact me if you have any questions about the above.

Robert Marlan  
KA6NOC/7  
rsm@halcyon.com

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: "Brian K. Short" <ke7gh@primenet.com>  
Subject: [20218] FS: Mirage 2m Brick (FT-1000mp \*NOT\* FS)  
Message-ID: <3.0.1.32.19970524161826.006e7734@mailhost.primenet.com>

I came to my senses and have decided to keep my FT-1000mp. There is no other rig out there that can come close to it, so it stays here unless someone makes a ridiculous offer!

Thanks to all who had concerns...

**\*\* FOR SALE \*\***

Mirage B3016 30/160w 2m Amp \$200 in Mirage box w/manual

-Brian ke7gh@primenet.com

**\*\* WANTED TO BUY \*\***

**\*\* WTB \*\*** Various V/UHF Transverters 50-2304Mhz and IF rigs

\*WTB\* Collector of older RTTY terminal units looking for more to add to collection, including: Hal ST-5, ST-5000 other commercial or homebrew RTTY equipment

\*WTB\* Collector of older SSTV scan converters looking for more to add to collection, including: Robot 400, 800 etc... other commercial or homebrew SSTV equipment

Brian ke7gh@primenet.com >or< <http://www.primenet.com/~ke7gh>

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: wb2vuo@juno.com (William K Hibbert)  
Subject: [20213] FS: Yaesu FT-707  
Message-ID: <19970524.104552.4607.0.wb2vuo@juno.com>

I have a Yaesu FT-707 that I am putting on the block.

This is a late-70's rig, covering 80 - 10 meters, INCLUDING 30/17/12 meters. Runs 100 watts out, and can be throttled back to milliwatts on CW. On SSB, the Carrier control doesn't function to set level, so you just need to turn the mike gain back for SSB, not convenient, but it works...

Digital display (sorta greenish-yellow LED's) and a functional Analog dial. Conceivably one could turn off the digital display to cut down on the RX current, but I haven't tried it.

Semi-QSK with the Delay and VOX on the front panel, Speech Processor (so you can disguise your voice & confuse your friends...), marker for the Analog dial, Etc...

This rig is Ham-Bands ONLY, no general-coverage RX, and doesn't seem to pick up the SWBC crud on 30 and 20 like some of the broad-band rigs do.

Asking \$375 if you P/U here or at the Rochester Hamfest on 30 May, or \$400 shipped insured by the carrier of choice.

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP  
Tech Specialist (ARRL/WNY), ARRL Life Member,  
Trustee, KB2YTW/B 10 Mtr QRP Beacon (4 Watts @ 28.2870 MHz)  
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"  
Packet - wb2vuo@w2im.#wny.ny.usa.noam \*\*\* Email - wb2vuo@juno.com  
SnailMail - CBA \*\*\* Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

From owner-qrp-l@Lehigh.EDU Sat May 24 18:03:35 1997  
From: jeffa@ix.netcom.com (Jeff Anderson)  
Subject: [20196] Ham and BA Haunts in London?  
Message-ID: <199705240106.UAA12890@dfw-ix2.ix.netcom.com>

Short notice from my boss - I'm off to England for a week of work.  
Does anyone know of any Surplus Electronics/Ham radio stores in the  
London area (or nearby)? Other "must-see" sites?

Also interested in bookstores selling old electronics books.

Thanks!

- Jeff, WA6AHL

From owner-qrp-l@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Allen Jones <ajones@adsnet.com>  
Subject: [20224] Info on GH17A iron  
Message-ID: <3.0.1.32.19970524061529.00685b24@206.158.2.1>

I am looking for a source for a replacement element for my Heath GH-17A  
bench soldering iron. The element was made by General Electric and has a  
model number of 6A217 (25W) and mates with a 6A203 handle. The element I  
have still heats but the end is split.

Thanks.

Allen Jones, W9DZ  
ajones@adsnet.com  
Michigan City, IN

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Robert Marlan <rsm@halcyon.com>  
Subject: [20222] kent keys  
Message-ID: <3.0.32.19970524093731.014c27c8@mail.halcyon.com>

can anyone provide a source for these keys???

R Marlan

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: ji3m@maxwell.com (James R. Duffey)  
Subject: [20235] L. B.'s Vertical Antenna (Hat plane) Discussion  
Message-ID: <v02130507afacfe49e395@[192.31.66.229]>

All - L. B. Cebik's recent addition to his web page is an excellent discussion of what we normally call ground plane antennas, but which should probably more correctly be referred to as hat plane antennas.

<http://funnelweb.utcc.utk.edu/~cebik/radio.html>

If you haven't been to his web page, his postings are the next best thing to an Antenna Book. If you haven'ty there lately, his new postings on 2 element Yagis and shortened verticals are excellent.

You can learn more from his page than from my posts - Duffey KK6MC/5.

James R. Duffey  
Principal Scientist  
Maxwell Technologies Incorporated/Albuquerque Division  
Suite 300  
2501 Yale Blvd SE  
Albuquerque, NM 87106

(505) 764-3143  
(505) 843-7995 (FAX)

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997

From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>  
Subject: [20208] Latest web site additions  
Message-ID: <864461561.069169.0@gqrpclub.demon.co.uk>

Latest:  
Test report of the AKD HF3 (Target) receiver - quite comprehensive  
<http://www.gqrpclub.demon.co.uk/akd.htm>

A 'hidden' antenna using a teac chest! - from SM0VPO  
<http://www.gqrpclub.demon.co.uk/crateant.htm>

Some excellent links, probably most of what you need from just two sites!  
<http://www.gqrpclub.demon.co.uk/world.htm>

Enjoy them, and if you are fed up with my regular updates, as a couple of folk have told me, tough. Just don't read them! I bow to the majority.

Frank G3YCC  
QRP Web Site: <http://www.gqrpclub.demon.co.uk>

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: N2QCE@AOL.COM  
Subject: [20233] PK-88 =2 Technodope =0 Help!!!!  
Message-ID: <970524160400\_405098189@emout06.mail.aol.com>

Why can't I get this ting to work????? I followed the advise and took the batt jumper off and now I can't get the thing to do a thing... How do I get this thing into some kind of mode that will send and receive packets??????? The Mult and the Power lights are shining and that's all. I tried to send <cntrl>C x3 and \*\*\*\*\*. All NG. Please tell me what I'm doing wrong!!!!  
Thank you de John

John M. Evans N2QCE  
E-mail [n2qce@aol.com](mailto:n2qce@aol.com)  
<http://www.islandlink.com/n2qce>

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: David White <dwhite@telepath.com>

Subject: [20198] QRP+ Keying

Message-ID: <1.5.4.32.19970524021908.006a3798@telepath.com>

I am looking for info on successful cures of chirpy CW keying on a QRP+ which has been upgraded with new boards and EPROM. Serial number on my unit is #508. I had never taken time to monitor keying of the QRP+ with a separate receiver (since getting it back from the upgrade) until a few weeks ago. I was disappointed to hear a slight chirp.....not real bad, but definitely there.

It is interesting to note that the keying will clean up by switching to RIT or SPLIT operation. I have seen information about a mod to clean up keying on a QRP+ which has been upgraded with an EPROM, but have not seen anything pertaining to a QRP+ with a complete upgrade. It appears the LO boards are the same in both the new and old QRP+. One of the mods I have seen recommended changing a couple of capacitors in the PLL on the LO board. Has anyone successfully cured a QRP+ with the symptoms I have described?

I have attempted to talk with Bruce at Index Labs, but so far haven't got past his answering machine.

Dave N5DW

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*****
* David W. White                      dwhite@telepath.com      *
* N5DW                               Norman, Oklahoma    73072 *
*****
```

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997

From: "Douglas L. Datwyler" <datwyler@mail.aros.net>

Subject: [20211] QRPP for spring

Message-ID: <3386EF32.545@mail.aros.net>

I found out why I didn't get my QRPP for winter or spring. Winter I got a copy of and now need a copy of spring. Could someone close please copy and send it to me. Address in call books is good. I reimburse.

Doug Datwyler WR70  
datwyler@aros.net

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
Subject: [20210] Reprinting antenna material  
Message-ID: <Pine.SOL.3.94.970524071227.23297H-100000@utkux4.utcc.utk.edu>

I have had over the last few months miscellaneous requests to reprint some items from my site in club newsletters. The chief concern of folks has been the copyright retention notice under each item.

I placed this notice mostly to let me keep track of any proposed uses. In fact, if any item from the site is useful for a club newsletter, please feel free to use it. All I ask is notice in advance and a copy of the n/l in which it appears for my records. My only reservation is to disavow any responsibility for the inevitable typos and similar "stuff" that may remain in the notes.

And I should pass along the reminder that these are notes recording work in progress, and not absolutely finished products able to withstand the theoretical and test range scrutiny of double precision review. As I did with the Tee-match notes, I shall withdraw any that prove to be questionable pending further investigation.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)(423) 974-7215
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	\	/	/	(FAX)(423) 974-3509
37938-4443 USA	/	\	\	\	\		cebik@utk.edu
URL: <a href="http://funnelweb.utcc.utk.edu/~cebik/radio.html">http://funnelweb.utcc.utk.edu/~cebik/radio.html</a>							

From owner-qrp-l@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Jerry Brown <jmbrown@edge.net>  
Subject: [20230] Sam F. B. Morse  
Message-ID: <3387422D.9FE@edge.net>

On this date in history in 1844, one of our founding farthers, Samuel F.B. Morse transmitted the message from Holy Scripture (Numbers 23:23), "What hath God wrought!" from Washington to Baltimore as he formally opened America's first telegraph line. I consider this a powerful beginning, although I assume he was QRP. What was he running?



Happy Memorial Day-1997,

Jerry, N4EO

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Robert Marlan <rsm@halcyon.com>  
Subject: [20215] Schurr keys  
Message-ID: <3.0.32.19970524080711.014b3b68@mail.halcyon.com>

does anyone know where I can buy  
these very nice (German I think) keys.

Thanks  
R. Marlan KA6NOC/7  
rsm@halcyon.com

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Robert Marlan <rsm@halcyon.com>  
Subject: [20214] test  
Message-ID: <3.0.32.19970524080039.014b3310@mail.halcyon.com>

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Wayneb1103@aol.com  
Subject: [20221] the 38S image  
Message-ID: <970524123126\_1009292214@emout16.mail.aol.com>

Well, I definately have the 2 peaks now and a clean signal out but not so  
sure the radio is ready to put into a case. On mine the image signal is the  
same strength on both sides of null. I suspect that this isnt right but have  
nothing to compare with. So I ask you with your working radios. Is one side  
weaker than the other and which side?

Thanks

Wayne WB7WHI  
Spokane, Wa.

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Robert Marlan <rsm@halcyon.com>  
Subject: [20212] trouble posting  
Message-ID: <3.0.32.19970524074031.01588bd8@mail.halcyon.com>

I can get my postings on the qrp list  
where should they be sent to???  
rsm@halcyon.com

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: "Kelly Ellison" <kelman@dialnet.net>  
Subject: [20229] Wanted: Microphone for Argosy  
Message-ID: <199705241854.NAA03957@shell.dialnet.net>

Well Folks,  
I just traded for an Argosy and it works good but I need a microphone. I  
was going to use a "replacement" type mic that I have around here, but the  
manual recommends one that is well shielded and uses a SPDT switch on the  
PTT switch. It mentions Ten-Tec Models #215P or 215PC microphones. Any out  
there floating around by any chance? Any suggestions?

Thanks once again,

Kelly Ellison  
WB0WQS  
QRP-L #702  
Aurora, Missouri

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: timcook@erinet.com  
Subject: [20199] WL7E on now..  
Message-ID: <33865387.3F7D@erinet.com>

WPX contest in full swing..  
WL7E on 14.007.5 0237hrs  
I've seen some on here needing a WL7/KL7  
hope with all the new changes it's still AK :)  
real strong here in SW ohio.. wrk'd easy with 3w  
good luck  
nz8j

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: "Lawrence T. Owens" <w4dec@dibbs.net>  
Subject: [20236] WPX & DX Rpt:  
Message-ID: <33877F32.7190@dibbs.net>

Hi Gang,

15 & 20 meters hot last evening and looks like good prospects for tonight. 20 Meters open to Europe and 15 meters open some what. worked Malta and Argentina on 10 this afternoon but closed after a few minutes 15 was open to europe early this morning from about 1200z to noon time but some high powers stations still coming thru from EU. Already worked them this morning. No luck on 160 last nite , was waste of time. Hope to do more on 40 tonite.

72 es GL hope to work some of you will be on most of day tomorrow.  
Larry (W4DEC)

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: w\_hill@ns.net (Ward Hill)  
Subject: [20207] Wrist Rocket Substitute  
Message-ID: <v01540b00afac4e9e1528@[204.119.242.83]>

Hi all,

I received a catalog at work today which had a nice substitute for the Wrist Rocket. It is called a Sling-A-Wire Puller. It is basically a slingshot made of birch with a spinning reel attached. 10Lb test line and a 3/8 oz lead weight complete the assembly.

The company is MilesTek 1-800-524-7444, Item #40-40162. They want \$34.95 for it. Thought it might be of interest.

73,

Ward Hill - WA6FUH  
w\_hill@ns.net  
Life Member ARRL qrp-1 #1117  
WA6FUH@N0ARY.NOCAL.CA.USA.NA  
EX-CHINA LAKER  
Channel 3 KCRA (NBC) and Channel 58 KQCA (UPN), Sacramento, California

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: wb8ygg@juno.com (Bradley S. Mitchell)  
Subject: [20234] Re: Fraud at Days Inn South at Dayton !!!  
Message-ID: <19970524.152506.9087.0.WB8YGG@juno.com>

Do I hear a volunteer for corrdinating a better facility or what?

73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: "David D. Meacham" <ddm@datatamers.com>  
Subject: [20197] Re: KC-1 Keyer/Counter  
Message-ID: <Pine.LNX.3.91.970523172027.3656C-100000@dt1.datatamers.com>

Al,  
The KC-1 was written up in QRPP for September, 1995, page 39.  
72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Allen Jones <ajones@adsnet.com>  
Subject: [20226] Re: kent keys  
Message-ID: <3.0.1.32.19970524062917.0069359c@206.158.2.1>

At 09:37 AM 5/24/97 -0700, you wrote:  
>can anyone provide a source for these keys???  
>  
>R Marlan

Bought one while I was at the Hamvention. They are available from R.A.  
Kent, PO Box 0809, Mount Ida, AR 71957-0809, Tel 870-867-4550 or FAX  
870-867-2019.

73 . . . Allen, W9DZ

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997

From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>  
Subject: [20231] Re: kent keys  
Message-ID: <864500789.0514423.0@gqrpclub.demon.co.uk>

Made here in Blighty. Can get you one if you can send sterling?  
Frank G3YCC  
QRP Web Site: <http://www.gqrpclub.demon.co.uk>

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Jess Gypin <jessqrp@concentric.net>  
Subject: [20202] Re: Memorial Day Weekend Portable  
Message-ID: <33865F38.25DA@concentric.net>

Doug Hendricks wrote:

>  
> I will be camping in the Sierra's this weekend with my wife and friends.  
> My portable set up will be the Sierra (what else) with the W6MMA SLV with  
> radials for 40, 30 and 20 meters. Hope to be in the WPX CQ contest.  
> Operation will be sporadic, as I will do a little fishing, some napping,  
> grade some papers, and just relax. I am also taking the WPL paddles that I  
> bought at Dayton. Hope to see you on the air. 72, Doug, KI6DS  
I can echo everything that Doug plans except the Sierra. Will be at  
Monument CO with the camper, OHR 400 and MMA SLV and the SLV with my  
coil mod. Operation will be VERY intermittant if the fish are biting.  
Will hang on 30 in the morning evening and may try 20 meters in the  
afternoon and 40 meters at night. Not even a rare county, sorry....

Best weekend to all,  
Jess NOTFI

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Kory Hamzeh <kory@avatar.com>  
Subject: [20219] Re: Schurr keys  
Message-ID: <Pine.BSI.3.91.970524092046.4799A-100000@avatar.avatar.com>

Hi Robert,

Schurr keys can be purchased from:

Elecronic Switch Company  
8491 Hospital Drive, Suite 328

Douglasville, GA 30134

Phone: (770)920-1024

Fax: (770)920-0700

E-Mail: sales@eswitch.com

WWW: <http://www.eswitch.com/>

I think the Atlanta HRO also carries from Schurr keys. A friend of mine visiting that store picked up a Portable Wabblers there. Rumor has it I might be getting one for Father's Day! :-)

They are truly great keys.

Kory  
AC6RN

On Sat, 24 May 1997, Robert Marlan wrote:

> does anyone know where I can buy  
> these very nice (German I think) keys.  
>  
> Thanks  
> R. Marlan KA6NOC/7  
> rsm@halcyon.com  
>  
>

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: Doug Tidwell <dtidwell@bellsouth.net>  
Subject: [20227] Re: Schurr keys  
Message-ID: <33872970.727F@bellsouth.net>

Robert Marlan wrote:

>  
> does anyone know where I can buy  
> these very nice (German I think) keys.  
>

Also, Electronic Switch now has a home page at:

<http://www.eswitch.com/>

with key info at:

<http://www.eswitch.com/keys.html>

73,

Doug K4UUW

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: k5zty@juno.com (WILLIAM A STIETENROTH)  
Subject: [20206] Re: SLV/Vern Radial Question  
Message-ID: <19970524.040943.5223.0.k5zty@juno.com>

Doc,

Radials on ground mounted verticals is a study all unto its self. The consensus is though, that tuned radials are not effective when laying on the ground. The capacitance to ground completely de-tunes them. So use as many random length radials as you can stand to mess with. A good rule of thumb is to start with 15 radials as long as the vertical is high. I made a bundle of radials that roll up on an old wire reel. My portable vertical is 26 feet tall, so I cut 7 pieces of insulated #18 wire 52 feet long, stripped about a half inch of the insulation off at the mid point and wrapped a piece of 1/2 inch braid around them to bundle them and soldered them together at the mid point. I left about 3 inches of the braid dangling to use as the attachment to the feed point of the vertical. I know it sounds bulky, but there is no way to make a back packing vertical with a radial system that you can put in your pocket that will work worth a hoot. The fishing pole vertical is a nice portable antenna, that can be set up very quickly, but it is not a backpacker. VERNs tuned radials are small and convenient, but probably don't do much for the signal. Laying tuned radials on the ground is just like laying your yagi on the ground to tune it. It don't work. The basic function of radials is to provide a low loss return path for ground currents, and the more of them you use, the lower the ground losses. Resonance has nothing to do with it.

Bill, K5ZTY  
Houston, TX  
k5zty@juno.com  
WITHOUT CW, IT'S JUST CB  
ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440  
QRP-L 473

From owner-qrp-1@Lehigh.EDU Sat May 24 18:03:35 1997  
From: talljazz@teleport.com (Dan Presley)

Subject: [20201] Re: Why no QRP DXCC...

Message-ID: <v0153050eafac04d408ba@[206.163.125.113]>

>On Thu, 22 May 1997, Roger Hightower wrote:

>

>> If you're not a League member, you don't have a Division Director, or  
>> any input that the League considers worthwhile.

>

>Yep!

>

>And if you join, then you'r supporting their positions!

>

>Darned if you do and darned if you don't!

>

>73, Ron,       SOWP 5545M,

>

>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

>....ku7y@sage.dri.edu.....Washoe Lake, Nevada....

>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

This is where it goes off the track'-just because you belong to an  
organization doesn't mean you endorse all their views. If you want to  
change something, then join up and get involved.

Dan N7CQR

From owner-qrp-l@Lehigh.EDU Sat May 24 18:03:35 1997

From: Scott Bauer <ke3nv@erols.com>

Subject: [20205] Re: WL7E on now..

Message-ID: <199705240407.AAA26932@smtp3.erols.com>

Thanks Tim,

WL7E is Alaska and I worked him at 0355z with 3 watts.  
If I get a card, I will have WAS QRP and another country  
towards QRP DXCC if it would only count ;-)

72, Scott

>To: timcook@erinet.com

>From: Scott Bauer <ke3nv@erols.com>

>Subject: Re: WL7E on now..

>

>At 10:33 PM 5/23/97 -0400, you wrote:

>>WPX contest in full swing..

>>WL7E on 14.007.5 0237hrs



>>I've seen some on here needing a WL7/KL7  
>>hope with all the new changes it's still AK :)  
>>real strong here in SW ohio.. w1k'd easy with 3w  
>>good luck  
>>nz8j

>>

>>

>>

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV  
Fists 1502                      QRP Nut   SWL   Truck Pilot                      ARRL  
    Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40  
S&S Eng   ARK-20, ARK-30, ARK-40, TAC1-80. Emtech NW-8030  
            49er                      38 special at 300mw  
    visit my web page at <http://www.erols.com/ke3nv/>